

Doc. No. 2581

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War Ministry Building)
 City of TOKYO) S.S.
 JAPAN.)

I, PHILIP EARL SANDERS, Chief Boatswain's Mate, United States Navy, now attached to the International Prosecution Section of S.C.A.P., being duly sworn, depose and say that I am qualified in Navigation and have recently examined United States Navy Hydrographic Time Tables.

I have examined the variations in time between places marked on the first line of the attached Time Table and say that they are accurately set out. I have, by arithmetical calculations, prepared the said Time Table for the 24 hours of December 8th, 1941, Tokyo Time, and these calculations are, to the best of my knowledge and belief, true. Variations in time for any other date can be calculated accordingly.

/s/ Philip Earl Sanders

PHILIP EARL SANDERS,
 Chief Boatswain's Mate,
 United States Navy.

Subscribed and sworn
 to before me this
 8th day of August, 1946.

/s/ Harryman Dorsey

HARRYMAN DORSEY,
 Captain, JAGD.

COMPARATIVE TIME TABLE BASED ON TOKYO, PROCEEDING EASTWARD, on
7th - 8th DECEMBER

TOKYO	PEARL HARBOR	WASHINGTON	GREENWICH	BANGKOK	KOTA BHARU, SINGAPORE.	HONG KONG SHANGHAI, MANILA.
<u>8th Dec.</u> 0000	<u>7th Dec.</u> 0430	<u>7th Dec.</u> 1000	<u>7th Dec.</u> 1500	<u>7th Dec.</u> 2200	<u>7th Dec.</u> 2220	<u>7th Dec.</u> 2300
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	0500	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	2300	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
0100	30	1100	1600	2300	20	<u>8th Dec.</u> 0000
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	0600	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	<u>8th Dec.</u> 0000	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
0200	30	1200	1700	<u>8th Dec.</u> 0000	20	0100
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20

TOKYO PEARL HARBOR WASHINGTON GREENWICH BANGKOK KOTA BHARU,
SINGAPORE. HONG KONG,
SHANGHAI,
MANILA.

<u>8th Dec.</u>	<u>7th Dec.</u>	<u>7th Dec.</u>	<u>7th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>
0225	0655	1225	1725	0025	0045	0125
30	0700	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	0100	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
0300	30	1300	1800	0100	20	0200
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	0800	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	0200	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
0400	30	1400	1900	0200	20	0300
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	0900	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	0300	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55

TOKYO

PEARL HARBOR

WASHINGTON

GREENWICH

BANGKOK

KOTA BAHRU,
SINGAPOREHONG KONG,
SHANGHAI,
MANILA

<u>8th Dec.</u>	<u>7th Dec.</u>	<u>7th Dec.</u>	<u>7th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>
0750	1220	1750	2250	0550	0610	0650
55	25	55	55	55	15	55
0800	30	1800	2300	0600	20	0700
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	1300	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	0700	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
0900	30	1900	<u>8th Dec.</u> 0000	0700	20	0800
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	1400	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	0800	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1000	30	2000	0100	0800	20	0900
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20

TOKYO PEARL HARBOR WASHINGTON GREENWICH BANGKOK KOTA BAHU,
SINGAPORE HONG KONG,
SHANGHAI,
MANILA

<u>8th Dec.</u>	<u>7th Dec.</u>	<u>7th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>
1025	1455	2025	0125	0825	0845	0925
30	1500	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	0900	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1100	30	2100	0200	0900	20	1000
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	1600	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1000	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1200	30	2200	0300	1000	20	1100
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	1700	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1100	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1300	30	2300	0400	1100	20	1200

TOKYO	PEARL HARBOR	WASHINGTON	GREENWICH	BANGKOK	KOTA BAHRU, SINGAPORE	HONG KONG SHANGHAI, MANILA
<u>8th Dec.</u>	<u>7th Dec.</u>	<u>7th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>
1305	1735	2305	0405	1105	1125	1205
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	1800	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1200	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1400	30	<u>8th Dec.</u> 0000	0500	1200	20	1300
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	1900	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1300	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1500	30	0100	0600	1300	20	1400
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	2000	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1400	40

TOKYO PEARL HARBOR WASHINGTON GREENWICH BANGKOK KOTA BAHRU,
SINGAPORE HONG KONG,
SHANGHAI,
MANILA.

<u>8th Dec.</u>	<u>7th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>
1545	2015	0145	0645	1345	1405	1445
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1600	30	0200	0700	1400	20	1500
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	2100	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1500	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1700	30	0300	0800	1500	20	1600
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	2200	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1600	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1800	30	0400	0900	1600	20	1700
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20

TOKYO PEARL HARBOR WASHINGTON GREENWICH BANGKOK KOTA BAHU,
SINGAPORE HONG KONG,
SHANGHAI,
MANILA.

<u>8th Dec.</u>	<u>7th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>
1825	2255	0425	0925	1625	1645	1725
30	2300	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1700	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
1900	30	0500	1000	1700	20	1800
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	<u>8th Dec.</u> 0000	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1800	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
2000	30	0600	1100	1800	20	1900
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	0100	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	1900	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
2100	30	0700	1200	1900	20	2000

TOKYO PEARL HARBOR WASHINGTON GREENWICH BANGKOK KOTA BAHRU,
SINGAPORE HONG KONG,
SHANGHAI,
MANILA.

<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>
2105	0135	0705	1205	1905	1925	2005
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	0200	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	2000	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
2200	30	0800	1300	2000	20	2100
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	0300	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	2100	40
45	15	45	45	45	05	45
50	20	50	50	50	10	50
55	25	55	55	55	15	55
2300	30	0900	1400	2100	20	2200
05	35	05	05	05	25	05
10	40	10	10	10	30	10
15	45	15	15	15	35	15
20	50	20	20	20	40	20
25	55	25	25	25	45	25
30	0400	30	30	30	50	30
35	05	35	35	35	55	35
40	10	40	40	40	2200	40

TOKYO PEARL HARBOR WASHINGTON GREENWICH BANGKOK KOTA BAHU,
SINGAPORE HONG KONG,
SHANGHAI,
MANILA.

<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>	<u>8th Dec.</u>
2345	0415	0945	1445	2145	2205	2245
50	20	50	50	50	10	50
55	25	55	55	55	15	55

This is the time table referred to in my affidavit sworn before Capt. Dorsey on 8 day of August, 1946.

/s/ Philip Earl Sanders.
C.B.M. U.S.N.

Witness:

/s/ Harryman Dorsey
Captain, JAGD.